

Converting Colors

HunterLab(52.6445, -29.1789,
-26.9020)

Have a look what the booklet for
HunterLab(52.6445, -29.1789,
-26.9020) contains.

HunterLab(54.6134, -20.7781, -23.4079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(54.6134,
-20.7781, -23.4079)**

Conversions

Conversions Part 1

Format	Color
Hex	00A2C4
RGB	0, 162, 196
RGB Percent	0%, 64%, 77%
CMY	0.9998, 0.3647, 0.2314
CMYK	1.00, 0.17, 0.00, 0.23
HSL	190°, 100%, 38%
HSV	190°, 100%, 77%
XYZ	22.8842, 29.8262, 56.7755
YIQ	117.4380, -107.4660, -23.7700

Conversions

Conversions Part 2

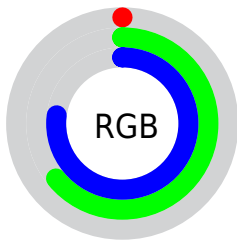
Format	Color
R _Y B	0, 89, 196
Decimal	41668
CIE Lab	61.50, -23.01, -27.35
CIE LCh	62, 35.744, 229.919
Yxy	29.8273, 0.2090, 0.2724
Android (android.graphics.Color)	4278231748 (0xFF00A2C4)
YUV	117.4380, 38.7311, -102.9931
Hunter-Lab	54.6134, -20.7781, -23.4079

Details

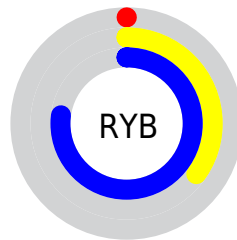
The HunterLab color **54.6134, -20.7781, -23.4079** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **35.8923, 53.2572, 23.0469**, and the grayscale version is **42.2366, -2.2536, 2.2948**.

A 20% lighter version of the original color is **77.0521, -24.3662, -24.4541**, and **36.2006, -11.7822, -19.8133** is the 20% darker color. If you saturate the color by 10%, you get **54.6116, -20.7755, -23.4115**, and if you desaturate by 10%, it is **55.8448, -21.7409, -21.4164**.

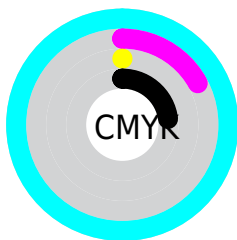
Distribution



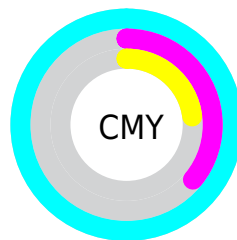
- Red (0%)
- Green (64%)
- Blue (77%)



- Red (0%)
- Yellow (35%)
- Blue (77%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (36%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.6134, -20.7781, -23.4079 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 54.6134, -20.7781, -23.4079 by changing the saturation by 10% instead.

■ 54.6134, -20.7781,
-23.4079

■ 54.6134, -20.7781,
-23.4079

173.5219,
-36.5323, -25.4872

■ 44.3932, -18.8665,
-22.9050

■ 77.0642, -24.4402,
-24.2494

■ 34.9036, -16.8750,
-22.3626

■ 89.2186, -26.2171,
-24.5851

■ 26.2072, -14.7701,
-21.8097

■ 101.9523,
-27.9692, -24.8646

■ 18.3842, -12.4966,
-21.3244

■ 115.2400,
-29.7028, -25.0897

■ 11.5459, -10.1755,
-21.1337

■ 129.0596,
-31.4225, -25.2624

■ 4.0817, -7.1430,
-34.7854

143.3913,

0.0000, NaN, -NF

-33.1320, -25.3848

0.0000, NaN, NaN

158.2174,
-34.8345, -25.4591

0.0000, NaN, NaN

■ 54.6134, -20.7781,
-23.4079

■ 54.6134, -20.7781,
-23.4079

■ 54.6116, -20.7755,
-23.4115

■ 55.8448, -21.7409,
-21.4164

■ 57.2054, -22.2216,
-19.2677

■ 58.7311, -22.0874,
-16.9190

■ 60.4318, -21.3072,
-14.3737

■ 62.3114, -19.8773,
-11.6448

■ 64.3699, -17.8143,
-8.7512

■ 66.6042, -15.1485,
-5.7141

■ 69.0091, -11.9197,
-2.5554

■ 71.5783, -8.1727,
0.7038

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.6144, -28.1607, -7.5710



54.6134, -20.7781, -23.4079



54.6144, -8.0262, -32.8623

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.6144, -20.7778, -23.4070



54.6144, 29.5581, -2.2151



54.6144, -12.6846, 23.4439

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.6134, -20.7781, -23.4079



35.8923, 53.2572, 23.0469

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.6144, 2.3872, 24.1363



54.6134, -20.7781, -23.4079



54.6144, 27.9523, 11.7599

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.6144, -20.7778, -23.4070



54.6144, 21.7528, -18.5613



54.6144, 17.5822, 20.4919



54.6144, -23.8610, 18.2322

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.6134, -20.7781, -23.4079



54.6144, 2.3009, -32.8846



54.6144, 17.5822, 20.4919



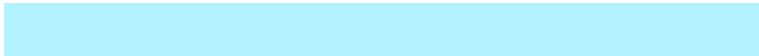
54.6144, -7.9461, 24.1439

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.6144, -20.7778, -23.4070



89.4909, -20.5841, -7.8966



62.9196, -53.3388, 36.5016



40.7958, -10.2709, -4.4716

0.0000, NaN, NaN



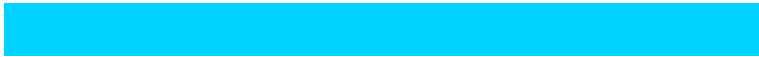
46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.6144, -20.7778, -23.4070



73.2720, -27.6530, -31.8887



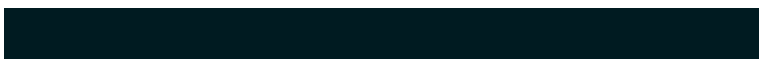
27.9433, 26.9604, -93.1207



33.3488, -3.6842, 0.4219



43.9032, -16.8231, -18.5588



9.5546, -4.0588, -3.1806

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.8756, 71.7439, -28.9156



50.9421, 96.4480, -38.4625



52.8047, 11.8399, 32.7439



31.9633, 2.2541, -0.4442



30.3777, 57.5770, -23.4260



6.3781, 12.1925, -5.7215

Previews

White Background



This preview shows how the HunterLab color 54.6134, -20.7781, -23.4079 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 54.6134, -20.7781, -23.4079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

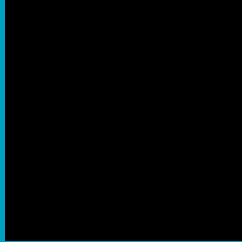
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 54.6134, -20.7781, -23.4079 Background



This preview shows how black text looks on a background with the HunterLab color 54.6134, -20.7781, -23.4079.



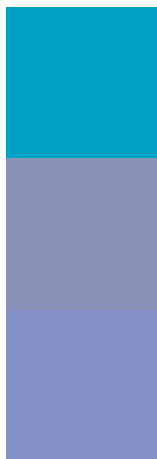
This preview shows how white text looks on a background with the HunterLab color 54.6134, -20.7781, -23.4079.

-20.7781, -23.4079.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.6134, -20.7781, -23.4079

Protanopia

54.2418, 1.8659, -16.1116

Deuteranopia

54.5110, 4.0777, -25.7735



Tritanopia

54.5209, -25.9663, -12.0925

Trichromacy



Original Color

54.6134, -20.7781, -23.4079

Protanomaly

53.0679, -11.0326, -20.6482

Deuteranomaly

53.3960, -8.9220, -27.2510

Tritanomaly

54.4565, -24.0092, -16.2369

Monochromacy



Original Color

54.6134, -20.7781, -23.4079

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

45.0624, -13.8965, -8.2562

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.6134, -20.7781, -23.4079 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 162, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 196)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 162, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 54.6134, -20.7781, -23.4079 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 162, 196) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 162, 196) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 162, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.6134, -20.7781, -23.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 196) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 162,  
196) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor